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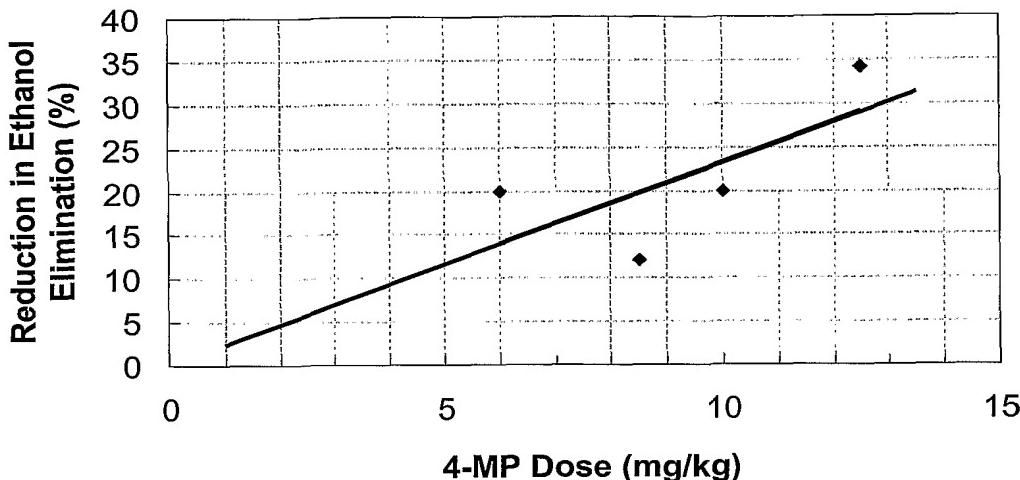
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**(54) Title:** 4-METHYL PYRAZOLE FORMULATIONS FOR INHIBITING ETHANOL INTOLERANCE

### 4-MP Dose (mg/kg) vs. Reduction in Ethanol Elimination (%)



**(57) Abstract:** Methods, articles of manufacture and compositions are provided useful for the prevention or amelioration of a symptom of acetaldehyde accumulation or ethanol intolerance in a subject with reduced or absent reduced or absent aldehyde dehydrogenase subtype 2 (ALDH2) activity wherein about 1 mg/kg to about 4 mg/kg 4-methylpyrazole, or an equivalent mass of a 4-MP salt, are to be orally administered to the subject.

WO 2005/084392 A3